



# UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE  
United States Patent and Trademark Office  
Address: COMMISSIONER FOR PATENTS  
P.O. Box 1450  
Alexandria, Virginia 22313-1450  
www.uspto.gov

| APPLICATION NO. | FILING DATE | FIRST NAMED INVENTOR | ATTORNEY DOCKET NO. | CONFIRMATION NO. |
|-----------------|-------------|----------------------|---------------------|------------------|
| 09/838,342      | 04/20/2001  | Akihiro Sugiyama     | Q64164              | 1068             |

7590 11/18/2005

SUGHRUE, MION, ZINN, MACPEAK & SEAS  
2100 Pennsylvania Avenue, N.W.  
Washington, DC 20037

EXAMINER

FLEURANTIN, JEAN B

|          |              |
|----------|--------------|
| ART UNIT | PAPER NUMBER |
|----------|--------------|

2162

DATE MAILED: 11/18/2005

Please find below and/or attached an Office communication concerning this application or proceeding.

|                              |                    |                   |  |
|------------------------------|--------------------|-------------------|--|
| <b>Office Action Summary</b> | Application No.    | Applicant(s)      |  |
|                              | 09/838,342         | SUGIYAMA, AKIHIRO |  |
|                              | Examiner           | Art Unit          |  |
|                              | JEAN B. FLEURANTIN | 2162              |  |

**-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --**

**Period for Reply**

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

**Status**

- 1) ☒ Responsive to communication(s) filed on 29 August 2005.
- 2a) ☐ This action is **FINAL**.                      2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

**Disposition of Claims**

- 4) ☒ Claim(s) 1-21 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_\_ is/are allowed.
- 6) ☒ Claim(s) 1-21 is/are rejected.
- 7) ☐ Claim(s) \_\_\_\_\_ is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

**Application Papers**

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on \_\_\_\_\_ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

**Priority under 35 U.S.C. § 119**

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All    b) ☐ Some \* c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- \* See the attached detailed Office action for a list of the certified copies not received.

**Attachment(s)**

- |  |   |
|--|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892)  | 4) <input type="checkbox"/> Interview Summary (PTO-413)<br>Paper No(s)/Mail Date. _____ |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948)                                   | 5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152)             |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)<br>Paper No(s)/Mail Date _____ | 6) <input type="checkbox"/> Other: _____  |

#### **DETAILED ACTION**

1. A request for continued examination under 37 CFR 1.114, including the fee set forth in 37 CFR 1.17(e), was filed in this application after final rejection. Since this application is eligible for continued examination under 37 CFR 1.114, and the fee set forth in 37 CFR 1.17(e) has been timely paid, the finality of the previous Office action has been withdrawn pursuant to 37 CFR 1.114. Applicant's submission filed on 5/13/05 has been entered.

2. This is in response to the communication filed 8/29/05, in which claims 1-21 remain pending for examination.

#### ***Response to Applicant' Remarks***

3. The Examiner has carefully reviewed applicant's argument, filed 8/29/05, with respect to claims 1-21, that "The invention of claim 21 is to a computer readable recording medium for storing a program that allows the method of claim 11 to be executed by a computer. Therefore, the inventions of claims 11 and 21 should be examined together as the prior art search for claim 11 would be coextensive with any search for claim 21. Therefore, the requirement for restriction should be withdrawn. Prompt and favorable action on the elected claims is now respectfully requested." Thus, they are persuasive, and the restriction of claims 1-21 has been withdrawn.

Applicant's argument, page 14, paragraph 1, with respect to claims 1-21 have been fully considered but, have been found persuasive only to the extent that the prior art of record does not specifically teach the limitations "a to-be-registered information generating section which receives specification information from a plurality of companies from a plurality of company terminals which are connected through a network and used by the respective companies, the specification information received from each company specifying at least one data item required for user registration." However, Colyer discloses such limitations.

Art Unit: 2162

***Claim Rejections - 35 USC § 103***

4. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

Claims 1-21 are rejected under 35 U.S.C. 103(a) as being unpatentable over U.S. Patent No. 6,151,707 issued to Hecksel et al. (hereinafter "Hecksel") in view U.S. Patent No. 6,745,196 issued to Colyer et al., (Based on Provisional application No. 60/158,314, filed 10/08/99) (hereinafter "Colyer").

As per claim 1, Hecksel discloses a user registration supporting system which supports a user, who uses a multi-component product including a plurality of products provided by a plurality of companies, in applying for user registration for the plurality of products (see col. 1, lines 12-20 and col. 1, line 66 to col. 2, line 6), "said system comprises a user-information database which stores user information including a plurality of data items and regarding the user" as registration software program may access a memory in the form of any volatile or non-volatile storage and retrieval device on computer, memory may include a variety of registration information and instructions to assist in operation of registration software program, throughout this document, the term registration information" refers to any information relating to characteristics of the user, characteristics of system, usage statistics, responses to previous requests for user data, answers to survey questions, registration profile data (see col. 4, lines 3-12);

"a user-information providing section which provides said user-information database with the user information" as a means for modifying registration information associated with a particular software program, which presenting the user with survey questions or marketing information associated with software program, collecting statistics relating to the use of software program" (see col. 4, lines 22-26); and

Art Unit: 2162

"to-be-registered information generating section which receives individualized specification information for specifying the at least one data item required by a plurality of companies for the user registration from a plurality of company terminals which are connected through a network and used by the respective companies, the individualized specification extracts at least one data item specified by each individualized specification information, from the user information stored in said user-information database, and generates to-be-registered information used by each of the plurality of companies for the user registration," as means for accessing previously stored registration information to assist a user in a current software program registration, (see col. 2, lines 24-26), and

"wherein said system can generate the to-be-registered information for the plurality of companies at once, based on the user information" as system may generate the chronology table as it processes session data, or the chronology table may have been previously created and stored in registration profile during initial registration of software program (34a), (see col. 13, lines 27-31). Hecksel fails to explicitly disclose a to-be-registered information generating section which receives specification information from a plurality of companies from a plurality of company terminals which are connected through a network and used by the respective companies, wherein the individual specification information for each company specifies at least one data item required for user registration of the component provided by the company for the multi-component product. However, Colyer discloses "a to-be-registered information generating section that receives specification information from a plurality of companies from a plurality of company terminals which are connected through a network and used by the respective companies" (see Colyer col. 2, lines 15-32), "wherein the individual specification information for each company specifies at least one data item required for user registration of the component provided by the company for the multi-component product" (see Colyer Fig. 1A, col. 6, lines 3-42).

It would have been obvious to a person of ordinary skill in the art at the time the invention was made to modify the teachings of Hecksel with a to-be-registered information generating section which receives specification information from a plurality of companies from a plurality of company terminals which are connected through a network and used by the respective companies, wherein the individual specification information for each company specifies at least one data item required for user registration

Art Unit: 2162

of the component provided by the company for the multi-component product as disclosed by Colyer (see Colyer Fig. 1A). Such a modification would allow the teachings of Hecksel to provide a system for deriving the structure of a community whose people interact with one another on a computer network through a computer application service (see Colyer col. 1, lines 59-62).

As per claim 2, in addition to claim 1, Hecksel further discloses "a company information database which stores specification information" as the content of registration information maintained in memory (see col. 7, lines 46-60).

As per claims 3 and 13, Hecksel further discloses, "comprising a user registration section which registers the to-be-registered information for each of the plurality of companies" as software application that assists users in registering various software programs (34) with their respective publishers "companies" (see col. 4, lines 54-56), and col. 3, lines 35-42.

As per claims 4 and 12, the limitations of claims 4 and 12 are rejected in the analysis of claim 1, and these claims are rejected on that basis.

As per claims 5, 6, 15 and 16, in addition to the discussion in claim 1, Hecksel further discloses "wherein said user information includes identification information for identifying the multi-component product used by the user" as the method includes a section (300) "figure 3a" to generate a list of software programs residing on, or accessible to computer (11), a section (350) "figure 3b" to identify a matching software program, and a section (380) "figure 3c" to complete the registration session based on information associated with the matching software program, (see col. 9, lines 30-36);

"said company-information database stores information regarding the plurality of companies providing the products according to multi-component product", (see col. 7, line 6 to col. 8, line 12).

Art Unit: 2162

As per claims 7, in addition to claim 1, Hecksel further discloses "sends the to-be-registered information generated by said to-be-registered information generating section to each of the company terminals" as the software registration system automatically generates a list of available communication methods for presentation to the user, (see col. 3, lines 2-15).

As per claim 8, in addition to claim 1, Hecksel further discloses "a user- information providing section provides said user-information database with the user information which is received by said communication" as remote server that receives, stores and distributes information among a variety of remote devices, (see col. 5, lines 3-8).

As per claims 9 and 19, in addition to claim 1, Hecksel further discloses, "wherein the user information is correction information which is formed by correcting the user information stored in said user-information database" as post-registration activity periods may be stored in configuration files to promote modification of registration and marketing data as updates become necessary without requiring modification to the registration software program, (see col. 2, lines 62-65).

As per claim 10, the limitations of claim 10 are rejected in the analysis of claims 1 and 8, and this claim is rejected on that basis.

As per claims 11 and 21, in addition to claim 1, Hecksel further discloses a computer readable recording medium which records a program for controlling a computer to execute (see col. 2, lines 24-27). Hecksel fails to explicitly disclose receiving individual specification information from each of the plurality of companies from a plurality of company terminals which are connected through a network and used by the respective companies, wherein the individual specification information for each company specifies at least one data item required for user registration of the component provided by the company for the multi-component product. However, Colyer discloses "receiving individual specification information from each of the plurality of companies from a plurality of company terminals which are connected through a network

Art Unit: 2162

and used by the respective companies" (see Colyer col. 2, lines 15-32), "wherein the individual specification information for each company specifies at least one data item required for user registration of the component provided by the company for the multi-component product" (see Colyer Fig. 1A, col. 6, lines 3-42).

It would have been obvious to a person of ordinary skill in the art at the time the invention was made to modify the teachings of Hecksel with receiving individual specification information from each of the plurality of companies from a plurality of company terminals which are connected through a network and used by the respective companies, wherein the individual specification information for each company specifies at least one data item required for user registration of the component provided by the company for the multi-component product as disclosed by Colyer (see Colyer Fig. 1A). Such a modification would allow the teachings of Hecksel to provide a system for deriving the structure of a community whose people interact with one another on a computer network through a computer application service (see Colyer col. 1, lines 59-62).

As per claim 14, in addition to claim 1, Hecksel further discloses, "wherein said generating includes detecting that new user information is stored in a user-information database, and generating to-be-registered information from the new user information" as the software registration system automatically generates a list of available communication methods for presentation to the user, (see col. 3, lines 2-15).

As per claim 17, Hecksel substantially discloses the invention as claimed except sending the to-be-registered information which is generated by said generating to a plurality of company terminals which are used respectively by the plurality of companies providing the components, through a network. However, Colyer discloses sending the to-be-registered information which is generated by said generating to a plurality of company terminals which are used respectively by the plurality of companies providing the components, through a network (see Colyer col. 2, lines 15-32); and (see Colyer Fig. 1A, col. 6, lines 3-42).



Art Unit: 2162

It would have been obvious to a person of ordinary skill in the art at the time the invention was made to modify the teachings of Hecksel with sending the to-be-registered information which is generated by said generating to a plurality of company terminals which are used respectively by the plurality of companies providing the components, through a network as disclosed by Colyer (see Colyer Fig. 1A). Such a modification would allow the teachings of Hecksel to provide a system for deriving the structure of a community whose people interact with one another on a computer network through a computer application service (see Colyer col. 1, lines 59-62).

As per claim 18, in addition to claim 17, Hecksel further discloses "wherein said storing includes providing the user-information database with the user information which is received from the user terminal (see col. 5, lines 36-42).

As per claim 20, the limitations of claim 20 are rejected in the analysis of claims 1 and 7, and this claim is rejected on that basis.

***Prior Art***

5. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure.  
Colver et al., US Patent No. 6,963,879 relates to organizational structure.  
Okumura et al., US Patent No. 6,178,424 relates to an information distributing system.  
Brown US Patent No. 5,794,219 relates to on-line auction.

Art Unit: 2162

#### CONTACT INFORMATION

6. Any inquiry concerning this communication or earlier communications from the examiner should be directed to JEAN B. FLEURANTIN whose telephone number is 571 – 272-4035. The examiner can normally be reached on 7:05 to 4:35.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, JOHN E BREENE can be reached on 571 – 272-4107. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.


Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

Jean Bolte Fleurantin

Patent Examiner

Technology Center 2100

November 9, 2005



**SHAHID ALAM**  
**PRIMARY EXAMINER**